

Discipline: Electrical

Code Year: 2006

CODE	DESCRIPTION	COMMENTS
BPRE6		
BPRE6 BRCIR		
BPRE6 DWGS	MIN. DRAWING SIZE 21"X 30"	Electrical drawing must be on a minimum paper size not less than 21"X 30" and provide three sets per USBC 109.3.
BPRE6 NOPLN	NO ELECTRICAL PLAN PROVIDED	No electrical plan provided. USBC 109.3.
BPRE6 SEAL	PROVIDE A/E SEAL & SIGNATURE	Provide original seal and signature of the design professional architect/engineer licensed to practice electrical engineering in the Commonwealth of Virginia. USBC 109.3 and the Code of Virginia 54.1-402.
BPRE6B BRCIR	SHOW BRANCH CIRCUITS	Identify and show the branch circuits, indicating the size and number of conductors and/or conduits, (NEC, Article 110.22, 220.18 and USBC 109.3).
BPRE6E EECF	ELECTRICAL ENGY COMPL. FORM	Complete the Electrical Energy Compliance Form and attach it to each set of the plan. ASHRAE 90.1, 2004. Forms can be downloaded from www.fairfaxcounty.gov/dpwes/forms .
BPRE6E EPO	PROVIDE EPO	Provide an Emergency Power Off (EPO) switch to comply with NEC Article 645.10. 2005 edition.
BPRE6F FDROV	FEEDER CONDUCTORS UNDERSIZED	Feeder conductors to panel boards are undersized. Feeder sizes must comply with NEC Table 310.16, and Article 240.3(B) or (C).
BPRE6G SVCEQ	TRANSFORMER GROUNDING	Indicate how the transformer is grounded by providing the size of the grounding electrode conductor and type(s) of grounding electrode(s). NEC Article 250.30 of the 2005 edition.
BPRE6G SVCGD	SERVICE GROUNDING	Indicate how the service equipment is grounded by providing the size of the grounding electrode conductor and the type(s) of grounding electrode(s). NEC Article 250.
BPRE6H DUCT	DUCT OVER PANEL BOARDS	Mechanical duct work is located over the electrical panel board(s). Relocate the duct work or panel board(s) to comply with NEC Article 110.26(F).
BPRE6H OHVAC	SRVCE RECEPTA TO ROOF FOR HVAC	Provide service receptacle(s) for HVAC equipment to comply with NEC Article 210.63.
BPRE6H PIPE	PIPE(S) OVER PANEL BOARD(S)	Mechanical/Plumbing piping is located over the electrical panel board(s). Relocate the piping or panel board(s) to comply with NEC Article 110.26(F).
BPRE6L FXSCH	PROVIDE LIGHTING FXTR SCHEDULE	Provide luminaire fixture schedules. NEC Article 410 and USBC 109.3.

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BPRE6L LBRKR	PROVIDE LOCKABLE BREAKERS	Provide lockable circuit breakers for separate branch circuits that feed unit equipment for emergency lighting. NEC Article 700.12(F) exception.
BPRE6O TRAN2	OCP ON SECONDARY TRANSFORMER	Provide over current protection on the secondary side of the transformer as required by NEC Article 240.21(C) and 450.3.
BPRE6O TRANS	OCP ON PRIMARY TRANSFORMER	Provide over current protection on the primary side of the transformer. NEC Article 450.3
BPRE6P DWGS	MIN. DRAWING SIZE 21" X 30"	Electrical drawings must be on minimum paper size not less than 21"X 30" and provide three sets per USBC 109.3.
BPRE6P EPLAN	PROVIDE ELECTRICAL FLOOR PLAN	Provide an electrical floor plan as required by USBC 109.3.
BPRE6P NOPLN	NO ELECTRICAL PLAN PROVIDED	No electrical plan is provided. USBC 109.3.
BPRE6P NOTWT	NOT AN ELECTRICAL WALK THRU	These plans do not fall under the criteria required for an electrical walk through submission. An electrical review will be conducted, in turn, through the standard submission procedures.
BPRE6P SEAL	PROVIDE A/E SEAL & SIGNATURE	Provide original seal and signature of the design professional architect/engineer licensed to practice electrical engineering in the Commonwealth of Virginia. USBC 109.3 and the Code of Virginia 54.1-402.
BPRE6S CLEAR	WORKING CLEARANCE AT EQUIPMENT	Provide the minimum working space clearance in front of electrical equipment. NEC Article 110.26.
BPRE6S LEQPT	SHOW LOCATION OF EQUIPMENT	Identify and show the location of the electrical equipment. USBC 109.3.
BPRE6S LOADC	LOAD CALCULATIONS REQUIRED	Provide load calculations for all panel boards used on this project. NEC Article 220, 220.87, and USBC 109.3.
BPRE6S LPNL	SHOW LOCATION OF PANEL BOARDS	Identify and show the location of the electrical panel boards. USBC 109.3.
BPRE6S OCP	PROVIDE MAIN OCP	Provide the size and location of the main over current protection device(s) used for all panel board(s) used on this project. NEC Articles 240,250,312,314,404,408 and 500 through 517 (if located in hazardous classified locations).
BPRE6S PANEL	PANEL SCHEDULE REQUIRED	Provide panel schedule(s) for all panel boards used on this project. NEC Article 220,220.87,408.4 and USBC 109.3.
BPRE6S RISER	PROVIDE ELEC. RISER DIAGRAM	Provide a complete electrical riser diagram to building structure and to each panel board. Indicate the size, number of conductors and conduits to each panel board, transformer and electrical equipment used on this project. NEC Article 215.5 and USBC 109.3.